# Project title: COQUENSTOCK - Feasibility study of cashew shell valorisation in Burkina Faso

Project place	Project cost	Role in the project	Technical and financial sponsors	Dates
Burkina Faso	7 000 €	Value chain and combustion techniques expertise	Fúnteni Facilities and Consulting, Conseil Burkinabè de l'Anacarde - CBA	May 2021 - August 2021

## **Project's goals and results**

## Main goals

Almost **10,000 ton RCN** have been processed in Burkina Faso during 2019, accounting for 10% of the total RCN production of the country; and the processed volumes shall steadily increase in the coming years. This is the aim of the anacarde Initiative, the gouvernement's flagship project for the cashew sector, implemented by the <u>Conseil Burkinabè de l'anacarde</u>. The country's processing rate should **increase up to 45%**.In this context, the management of cashew nut by-products appears as a prominent issue. Nowadays, **more than 70%** of the raw nuts incoming the processing units become waste. Most of this weight essentially consists of the cashew shells, which are only valorized in a small quantity as a fuel for the factory. This cannot anyway avoid questions about the appropriateness of this method of valorisation.

## **Specific objectives**

- **SO1.** Assess the opportunities for valorisation of the cashew shell in the Burkinabe sector
- **SO2.** Build a business plan of the cashew shell valorisation unit called reference center
- **SO3.** Size the reference center and determine the key profitability indicators of the investments following the most appropriate process for the valorization of cashew shell
- **SO4.** Identify any contribution and development promoting the complete valorization of the shell in Burkina Faso

### **Beneficiaries**

- •The Burkinabe Cashew Council
- •Cashew processing actors in Burkina Faso

#### Results

- **R1.** The socio-economic context of the reference center is assessed
- **R2.** The market and competitors for the products of the reference center is assessed
- **R3.** The technical realisation of the reference center is done
- R4. Fhe financial and economical profitability is assessed, taking into account the incitative measures contained in the Investments law
- **R5.** A funding plan and the status of the reference center is proposed
- **R6.** Any other action contributing to the valorisation of the cashew shell in Burkina Faso is proposed

#### **Activities**

- **A1.** Assessment of the socio-economic context of the reference center
- **A2.** Assessment the market and competitors for the products of the reference center
- **A3.** Technical assessment of the reference center
- **A4.** Assessment of the financial and economical profitability taking into account the incitative measures contained in the Investments law
- **A5.** Proposal of a funding plan and the status of the reference center
- A6. Proposal of any action contributing to the valorisation of the cashew shell in Burkina Faso